

WEST Search History

DATE: Monday, January 12, 2004

Hide?	Set Name	Query	Hit Count
	<i>DB=PGPB,USPT,EPAB,DWPI; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L1	control nucleic acid	2357
<input type="checkbox"/>	L2	parallel complementary	362
<input type="checkbox"/>	L3	target nucleic acid	14936
<input type="checkbox"/>	L4	pimer binding site	0
<input type="checkbox"/>	L5	primer binding site	1437
<input type="checkbox"/>	L6	probe binding site	181
<input type="checkbox"/>	L7	l1 and l2	6
<input type="checkbox"/>	L8	l3 and l5	504
<input type="checkbox"/>	L9	L8 and l1	52
<input type="checkbox"/>	L10	L9 and l2	2
<input type="checkbox"/>	L11	control nucleic acid specific probe	0
<input type="checkbox"/>	L12	amplification or PCR	191770
<input type="checkbox"/>	L13	L12 and l9	52

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 6 of 6 returned.

☐ 1. Document ID: US 20030165982 A1

L7: Entry 1 of 6

File: PGPB

Sep 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030165982

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030165982 A1

TITLE: Method for the determination of a nucleic acid using a control

PUBLICATION-DATE: September 4, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Jaeger, Stephan	Penzberg		DE	/

US-CL-CURRENT: 435/6; 435/91.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 2. Document ID: US 20030054372 A1

L7: Entry 2 of 6

File: PGPB

Mar 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030054372

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030054372 A1

TITLE: Method for the determination of a nucleic acid using a control

PUBLICATION-DATE: March 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Jaeger, Stephan	Penzberg		DE	

US-CL-CURRENT: 435/6; 435/91.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 3. Document ID: EP 1236805 A1

L7: Entry 3 of 6

File: EPAB

Sep 4, 2002

PUB-NO: EP001236805A1

DOCUMENT-IDENTIFIER: EP 1236805 A1

TITLE: A method for the determination of a nucleic acid using a control

PUBN-DATE: September 4, 2002

INVENTOR-INFORMATION:

NAME

JAEGER, STEPHAN DR

COUNTRY

DE

ASSIGNEE-INFORMATION:

NAME

ROCHE DIAGNOSTICS GMBH

HOFFMANN LA ROCHE

COUNTRY

DE

CH

APPL-NO: EP02004483

APPL-DATE: February 27, 2002

PRIORITY-DATA: EP02004483A (February 27, 2002), EP01105172A (March 2, 2001)

INT-CL (IPC): C12 Q 1/68

EUR-CL (EPC): C12Q001/68

ABSTRACT:

CHG DATE=20021002 STATUS=O> The present invention is directed to a method for the determination of a target nucleic acid using a special control nucleic acid, a method for the amplification of a partial sequence of said target nucleic acid using primers, a special control and a kit containing said control. The sequence of these control nucleic acids are at least in part parallel-complementary to the sequence of the target nucleic. These controls have similar properties as the target nucleic acid in hybridization and amplification methods, but can be well

differentiated from the target nucleic acid by their different sequence.



Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw De
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☐ 4. Document ID: EP 1236804 A1

L7: Entry 4 of 6

File: EPAB

Sep 4, 2002

PUB-NO: EP001236804A1

DOCUMENT-IDENTIFIER: EP 1236804 A1

TITLE: A method for determination of a nucleic acid using a control

PUBN-DATE: September 4, 2002

INVENTOR-INFORMATION:

NAME

COUNTRY

JAEGER, STEPHAN DR

DE

ASSIGNEE-INFORMATION:

NAME

ROCHE DIAGNOSTICS GMBH

HOFFMANN LA ROCHE

COUNTRY

DE

CH

APPL-NO: EP01105172

APPL-DATE: March 2, 2001

PRIORITY-DATA: EP01105172A (March 2, 2001)

INT-CL (IPC): C12 Q 1/68

EUR-CL (EPC): C12Q001/68

ABSTRACT:

CHG DATE=20021002 STATUS=O> The present invention is directed to a method for the determination of a target nucleic acid using a special control nucleic acid, a method for the amplification of a partial sequence of said target nucleic acid using primers, a special control and a kit containing said control. The sequence of these control nucleic acids are at least in part parallel-complementary to the sequence of the target nucleic. These controls have similar properties as the target nucleic acid in hybridization and amplification methods, but can be well

differentiated from the target nucleic acid by their different sequence.



Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWMC	Draw De
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☐ 5. Document ID: EP 1236805 A1

L7: Entry 5 of 6

File: DWPI

Sep 4, 2002

DERWENT-ACC-NO: 2002-610695

DERWENT-WEEK: 200266

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TITLE: Amplification of a target nucleic acid region using a specific control sequence

INVENTOR: JAEGER, S

PATENT-ASSIGNEE:

ASSIGNEE

HOFFMANN LA ROCHE & CO AG F

ROCHE DIAGNOSTICS GMBH

CODE

HOFF

HOFF

PRIORITY-DATA: 2001EP-0105172 (March 2, 2001)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

EP 1236805 A1

September 4, 2002

E

028

C12Q001/68

DESIGNATED-STATES: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL
PT RO SE SI TR

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
EP 1236805A1	February 27, 2002	2002EP-0004483	

INT-CL (IPC): C12 Q 1/68

RELATED-ACC-NO: 2002-610694

ABSTRACTED-PUB-NO: EP 1236805A

BASIC-ABSTRACT:

NOVELTY - Amplification of a target nucleic acid region in a sample, is new.

DETAILED DESCRIPTION - Amplification of a target nucleic acid region in a sample comprising the step of amplifying a known amount of a control nucleic acid and the target nucleic acid where the control covers essentially the region of the target nucleic acid to be amplified or the complement of the nucleic acid region. The control nucleic acid contains at least one contiguous sequence of at least 8 nucleotides being essentially parallel complementary to the target nucleic acid region or to its complementary strand.

INDEPENDENT CLAIMS are also included for the following:

- (1) a method of quantitation of a target nucleic acid region comprises:
 - (a) amplifying the target region and a known amount of a control region;
 - (b) detecting a signal indicative for the amount of amplification product obtained from the control nucleic acid and detecting a signal indicative for the amount of amplification product obtained from the target nucleic acid; and
 - (c) calculating the amount of the target using the known amount of the control;
- (2) nucleic acid for use as a control in the amplification;
- (3) a composition comprising a target and control, nucleic acid; and
- (4) a kit for the amplification comprising an instruction manual and at least one container containing at least a control nucleic acid;

USE - The nucleic acids are used as a control in a reaction for amplifying target nucleic acids and as a control in a hybridization reaction for determination of target nucleic acids (claimed).

CHOSEN-DRAWING: Dwg.0/5

TITLE-TERMS : AMPLIFY TARGET NUCLEIC ACID REGION SPECIFIC CONTROL SEQUENCE

DERWENT-CLASS: B04 D16

CPI-CODES: B04-E01; B04-E05; B11-C08E5; B12-K04F; D05-H09; D05-H12; D05-H12D1; D05-H18B;

CHEMICAL-CODES:

Chemical Indexing M1 *01*

Fragmentation Code

M423 M424 M430 M710 M740 M750 M781 M782 M905 N102

N134 N135 P831 Q233 Q505

Specific Compounds

A012PA A012PD A012PM A012PN

Chemical Indexing M1 *02*

Fragmentation Code

M423 M424 M430 M710 M740 M750 M781 M782 M905 N102

N134 N135 P831 Q233 Q505

Specific Compounds

A00NSA A00NSD A00NSM A00NSN

Chemical Indexing M6 *03*

Fragmentation Code

M905 P831 Q233 Q505 R515 R521 R627 R633 R639

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2002-172866

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KMC	Draws	Doc
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☐ 6. Document ID: US 20030165982 A1, EP 1236804 A1, CA 2371672 A1, JP 2002335981 A, US 20030054372 A1, CN 1386865 A

L7: Entry 6 of 6

File: DWPI

Sep 4, 2003

DERWENT-ACC-NO: 2002-610694

DERWENT-WEEK: 200359

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TITLE: Amplification of a target nucleic acid region using control sequences

INVENTOR: JAEGER, S

PATENT-ASSIGNEE:

ASSIGNEE

HOFFMANN LA ROCHE & CO AG F

ROCHE DIAGNOSTICS GMBH

JAEGER S

ROCHE MOLECULAR SYSTEMS INC

CODE

HOFF

HOFF

JAEGER

HOFF

PRIORITY-DATA: 2001EP-0105172 (March 2, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20030165982 A1	September 4, 2003		000	C12Q001/68
EP 1236804 A1	September 4, 2002	E	029	C12Q001/68
CA 2371672 A1	September 2, 2002	E	000	C12N015/10

JP 2002335981 A	November 26, 2002	060	C12N015/09
US 20030054372 A1	March 20, 2003	000	C12Q001/68
CN 1386865 A	December 25, 2002	000	C12Q001/68

DESIGNATED-STATES: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL
PT RO SE SI TR

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
US20030165982A1	March 1, 2002	2002US-0087631	Div ex
US20030165982A1	April 17, 2003	2003US-0419022	
EP 1236804A1	March 2, 2001	2001EP-0105172	
CA 2371672A1	March 1, 2002	2002CA-2371672	
JP2002335981A	March 4, 2002	2002JP-0057515	
US20030054372A1	March 1, 2002	2002US-0087631	
CN 1386865A	March 2, 2002	2002CN-0119211	

INT-CL (IPC): C12 N 15/09; C12 N 15/10; C12 P 19/34; C12 Q 1/68; G01 N 33/50; G01 N 33/53; G01 N 33/566; G01 N 33/58

RELATED-ACC-NO: 2002-610695

ABSTRACTED-PUB-NO: EP 1236804A

BASIC-ABSTRACT:

NOVELTY - Amplification of a target nucleic acid region in a sample, is new.

DETAILED DESCRIPTION - Amplification of a target nucleic acid region in a sample comprising the step of amplifying a known amount of a control nucleic acid and the target nucleic acid where the control covers essentially the region of the target nucleic acid to be amplified or the complement of the nucleic acid region. The control nucleic acid contains at least one contiguous sequence of at least 8 nucleotides being essentially parallel complementary to the target nucleic acid region or to its complementary strand.

INDEPENDENT CLAIMS are also included for the following:

- (1) A method of quantitation of a target nucleic acid region comprises:
 - (a) amplifying the target region and a known amount of a control region;
 - (b) detecting a signal indicative for the amount of amplification product obtained from the control nucleic acid and detecting a signal indicative for the amount of amplification product obtained from the target nucleic acid; and
 - (c) calculating the amount of the target using the known amount of the control;
- (2) nucleic acid for use as a control in the amplification;
- (3) a composition comprising a target and control, nucleic acid;
- (4) a kit for the amplification comprising an instruction manual and at least one container containing at least a control nucleic acid;

USE - Amplification of a nucleic acid molecule using control nucleic acid sequences.

CHOSEN-DRAWING: Dwg.0/5

TITLE-TERMS: AMPLIFY TARGET NUCLEIC ACID REGION CONTROL SEQUENCE

DERWENT-CLASS: B04 D16

CPI-CODES: B04-E03; B04-E05; B11-C08E5; B12-K04F; D05-H09; D05-H12A; D05-H12D1;

CHEMICAL-CODES:

Chemical Indexing M1 *01*

Fragmentation Code

M423 M424 M710 M740 M750 M781 M905 N102 N134 P831

Q233 Q505

Specific Compounds

A012PA A012PD A012PN A012PU

Chemical Indexing M1 *02*

Fragmentation Code

M423 M424 M710 M740 M750 M781 M905 N102 N134 P831

Q233 Q505

Specific Compounds

A00NSA A00NSD A00NSN A00NSU

Chemical Indexing M6 *03*

Fragmentation Code

M905 P831 Q233 Q505 R511 R515 R521 R627 R633 R639

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2002-172865

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Drawn De
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Term	Documents
(2 AND 1).PGPB,USPT,EPAB,DWPI.	6
(L1 AND L2).PGPB,USPT,EPAB,DWPI.	6

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